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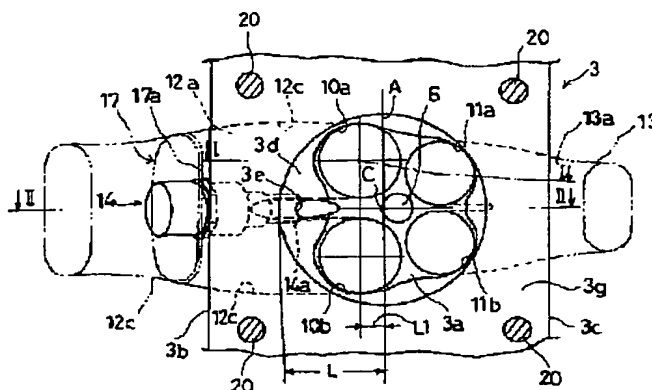
APPLICATION NUMBER : 07209573

APPLICANT : YAMAHA MOTOR CO LTD;

INVENTOR : SERIZAWA AKIRA;

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TITLE : INLINE INJECTION ENGINE



ABSTRACT : PROBLEM TO BE SOLVED: To provide an inline injection engine which can burn stratified air-fuel mixture and burn even pre air-fuel mixture.

SOLUTION: In an inline injection engine which is provided with an inline injection valve 14 for injecting and supplying fuel in a cylinder, two inlet valve openings 10a, 10b are formed in parallel to a cam shaft direction in a cylinder head 3 and both inlet valve openings 10a and 10b are formed at a position in which direction L1 from a line coupling respective center of the both inlet valve openings 10a and 10b to a cylinder shaft C is $1/4$ or less seen to the cylinder shaft direction. An injection port of the fuel injection valve 14 is disposed in such a manner that it is positioned between the both inlet valve openings 10a and 10b of the cylinder head 3 and that an injection shaft line is toward an exhaust side seen to the cylinder shaft direction.

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